Depth 6	Contents 7	Reference to last Measurement 8
581 —		
8323 —		
7581 —		
158 —		
538 —		
46981 —		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 249917

Serial No. 1st and final Bill
From BR 29/5/15 To
Name of Work
Name of Contractor of nature of Agency R. Madhusudan Contractor.
Date of commencement of work D.O. Receipt 20/05/2015

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of Work : Improvement and Asphalting to Bradalli Nagaraj Layout and Sm. M.V. Layout Roads in Ward no. 09 of Vidyaranyapura Sub-Division						
	Estimated cost Rs	20.00 Lakhs					
	DDB no	: 009-15-000005					
	Work order no	: EE/BTP/BBMP/E-DMT/07C14237/20/2014-15-Dt 08-01-2015					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	① Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 5m and an average lift upto 0.50m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after bracketing clods complete as per specification and direction of Engineer-In-charge of work						
	Qty vide this MB p. 24 99						
	It ① 2	438.75	43C	74.84	/1³	32836.00	
2	Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	materials, and stacky lead upto 1 km, sequ aggregate upto 3 km Consolidate as per Including Curing all Complete as pers In-charge of the work.

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
on is ordinary dark ches & mud on any lled and bricks to be levelled as per specifications h Mode this MB p. 24 9977 38-75 y3C 74.84/y³ ipe 75mm Amide picking up Rectified		32836.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249918

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	materials, and stacking of old serviceable materials within lead of 1 km, sequential spreading of the dolorgeal aggregates with fresh aggregates on prepared base and Consolidating as per water bound macadam specifications Including Curing all lifts, Hire of machineries etc Complete as per specifications and directions of Engineer-In-charge of the work.						

Add vide this MB. p.no 249977

Item no. (2) : 1555 m² @ 82.11/m² 127681.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3)	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mix plant conveying mixed material by tipper to site laying in uniform layer with paver in sub-base/base course on well prepared surface and compacting with 8/10 ton roller to achieve the desired density etc complete as per specification and directions of Engineer-in-Charge of work						
						Qty vide MB no. 2607 p. no. 260605	242.81
							345803 = 399907.00
							It ① = 288.80 ✓ 1424.17/4

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
4)	clearing the existing ... of binding materi... brushes and small ... brushes and small ... Compressed air ... cost of all mat... etc complete as ... In-charge of ...

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
5)	Providing of applying primer coat for surfaces of medium porosity like cement stabilized soil base @ 1.10 kg/m² over prepared surface with S-1 bitumen emulsion using bitumen tanker fitted with spray set (Excluding cleaning Road surface) including cost of all material, labour, Hire of machinaries etc complete as per specifications and directions of Engineer-In-charge of Work.						
						Qty as per MB. (5): 3312.50 m²	3056.5
						@73.37/m²	24363.00
6)	Providing and laying dense bituminous concrete 25mm						225,438=00

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, o
1	2
	thick with hot
	output of 75
	ready, premi
	of mix and fi
	with hydrostat
	required gr
	wheeled ro
	Compactio

BOOK

ons		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
		surfaces of mediu	
		base @ 1.10 kg/m2	
		en Emulsion using	
		C (Excluding cleaning	
		ial, labour, Hire	
		ecification and	
		work.	
		1-11 no. (5) = 3312.5042	7056.5
		@73.77/m2	244363.00
		m-Concrete. 25mm	225,438=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249922

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	thick WBM 100-120 mm by batch type HMP producing an avg output of 75 t/hr using crushed aggregates of specified grady, premixed with bituminous binder at 4.5 to 5%. of mix and filler, transporting the hot mix to Work site, laid with hydrostatic paver finisher with sensor-control for required grade, level, alignment, Rolling with smooth wheeled vibratory and tandem Roller to achieve the desired Compaction as per MORTH specification clause no-500. & Complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	In all respects as per specifications 12.0m to 7.5m wide bituminous etc complete as per specifications and directions of Engineer-In-charge of work.				Avg		
	a) Depression following 6th Cr. M.V. layout	1	10.50	3.50	0.025	0.92	
		1	16.20	3.20	0.025	1.30	
		1	9.20	3.30	0.025	0.76	
	Cross-Road	1	15.10	3.40	0.025	1.13	
		1	10.80	3.20	0.025	0.86	
		1	12.90	2.90	0.025	0.93	
	2nd main-Road & additional	1	12.25	2.85	0.025	0.87	
		1	8.40	3.40	0.025	0.60	
		2	6.50	2.20	0.025	0.71	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	2nd main-Road)
	Hirupakshipura
	(b) 6th Cross-Road M.V. Layout (Co-ords to. 118.30mts)
	(c) Cross-Road

IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
With	Ad/Lms	gravity	
breaks	and	breaks	
	Avg		
3.50	0.025	0.92	
3.20	0.025	1.30	
3.30	0.025	0.76	
3.40	0.025	1.13	
3.20	0.025	0.88	
2.90	0.025	0.93	
2.85	0.025	0.87	
3.40	0.025	0.60	
2.20	0.025	0.71	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249923

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2nd mas-Rod	1	5.80	2.90	0.025	0.42	
		1	10.40	2.70	0.025	0.67	
		1	6.50	2.50	0.025	0.40	
	Nrupakshpura	1	17.40	3.40	0.020	1.24	
	(b) 6th Cross-Road M.V. Layout Co.wo No. 118.30mb	1	30.40	$\frac{5.6+4.7}{2}$	0.025	3.86	
		1	30.40	$\frac{4.7+4.3}{2}$	0.025	3.38	
		1	30.40	$\frac{4.3+4.6}{2}$	0.025	3.54	
		1	28.30	$\frac{4.6+5.6}{2}$	0.025	3.61	
	(4) Cross-Road	1	30.40	$\frac{4.6+4.8}{2}$	0.025	3.53	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	$\frac{4.8+3.1}{2}$	0.025	2.36	
		1	4.10	$\frac{3.1+4.0}{2}$	0.025	0.36	
	(d) 7m CROSS-Road	1	30.00	$\frac{4.5+3.9}{2}$	0.025	3.10	
		1	30.00	$\frac{3.9+4.4}{2}$	0.025	3.19	
		1	23.80	$\frac{4.4+5.0}{2}$	0.025	3.08	
	(e) - 8m CROSS-Road (0.00 to 152.40m)	1	30.00	$\frac{5.0+4.5}{2}$	0.025	= 3.56	
		1	30.00	$\frac{4.5+4.9}{2}$	0.025	= 3.53	
		1	30.00	$\frac{4.9+4.7}{2}$	0.025	= 3.60	
		1	30.00	$\frac{4.7+4.4}{2}$	0.025	= 3.41	

C & RC
28/5/15
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Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(d) Internal - Road (0.00 to 66.30m)
	(e) Siddivinayaka Layout 2nd main (0.00 to 100.60m)

BOOK

s		Contents	Reference to last Measurement
dth	Depth 6	7	8
+3.)	0.025	2.96	
	0.025	0.36	
3.9	0.025	3.10	
	0.025	3.19	
	0.025	3.09	
	0.025	3.57	
	0.025	= 3.53	
	0.025	= 3.60	
	0.025	= 3.41	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

249924

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(d) Internal - Road (0.00 to 66.30m)	1	32.60	$\frac{4.4+5.2}{2}$	0.025	3.84	
		1	30.00	$\frac{4.1+4.2}{2}$	0.025	3.11	
		1	30.00	$\frac{4.2+4.1}{2}$	0.025	3.11	
		1	6.30	$\frac{4.1+5.6}{2}$	0.025	0.76	
	(9) Siddiramayaka Layout 1st main (0.00 to 100.60m)	1	30.00	$\frac{4.0+3.5}{2}$	0.025	2.81	
		1	30.00	$\frac{3.5+3.3}{2}$	0.025	2.55	
		1	30.00	$\frac{3.3+3.4}{2}$	0.025	2.54	

C & EC
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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(h) 2nd main - Road	1	10.60	$\frac{3.442.9}{2}$	0.025	0.970	C & FC
		1	30.40	$\frac{3.573.1}{2}$	0.025	2.48	
		1	30.40	$\frac{3.173.3}{2}$	0.025	2.40	
		1	30.40	$\frac{3.373.6}{2}$	0.025	2.59	
		1	18.80	$\frac{3.643.8}{2}$	0.025	1.74	
	(i) Virupakshipura - 2nd Cr	1	30.40	$\frac{4.5+4.2}{2}$	0.025	3.26	
		1	30.40	$\frac{4.2+4.4}{2}$	0.025	3.23	
		1	5.70	$\frac{4.4+5.0}{2}$	0.025	0.60	
						91.424 m³	88361 m²
							998283.00

@ 10959.30/m³ Ltd to. 91.094 m³

81.06

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
7)	filling of pot holes and p 40 mm, ICSR 13. m trimming completed faces, cleaning of su base of excavation pot hole with bitum compacting, trimmi Continuous surface, Specifications and

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
12.9 / 2	0.025	- 0.97	
3.1	0.025	2.48	C & FC
3.3	0.025	2.64	
3.6 / 2	0.025	2.59	
3.8	0.025	1.34	
4.2 / 2	0.025	3.26	
1.4	0.025	3.23	
	0.025	0.05	
		91.4243	998283

d to. 91.0943

81.06

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249925

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
7)	filling of pot holes and patch repairs with bituminous Concrete 40mm, ICSRR13- M3003.5, Removal of all faded material, trimming completed Excavation to provide firm vertical faces, cleaning of surface, painting of Tack Coat on the sides & base of excavation as per clause 502.3, backfilling the pot hole with bituminous material as per clause 502.4. Compacting, trimming and finishing the surface to form smooth Continuous surface, all as per Specifications. and directions of Engineer-in-charge of works.					Clause Complete as per	

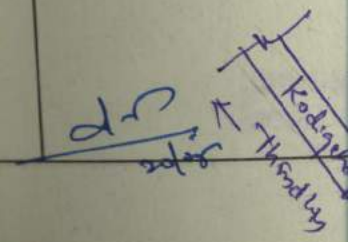
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Qty vide	MB. 2607			
			P. no. 26607-17(23)		220.204 m³		93468/-
					424.44 m³		
	8) Lead for Disposal of debris shall be payable at Conveyance rates by mechanical means including loading and unloading etc complete as per specifications and directions of Engineer in-charge of the work.						
			Qty as per Est no (1): 438.75 m³				
			Less 10 % : 290.00 m³				
					@ 72.83/m³	21,121.00	
					Total - Rs		19,57,674.00

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	SIR M.V. LAY-OUT



OOK

Depth 6	Contents 7	Reference to last Measurement 8
mB. 2607		
220.2042 C		93468
424.44 | 1,2		
table of Concrete		
and Unloading		
...ing of Earth		
...0 @ = 438.75 m³		
... 290.00 m³		
@ 72.83 | 1,2	21171.00	
Total - R	19,57,674.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

249926

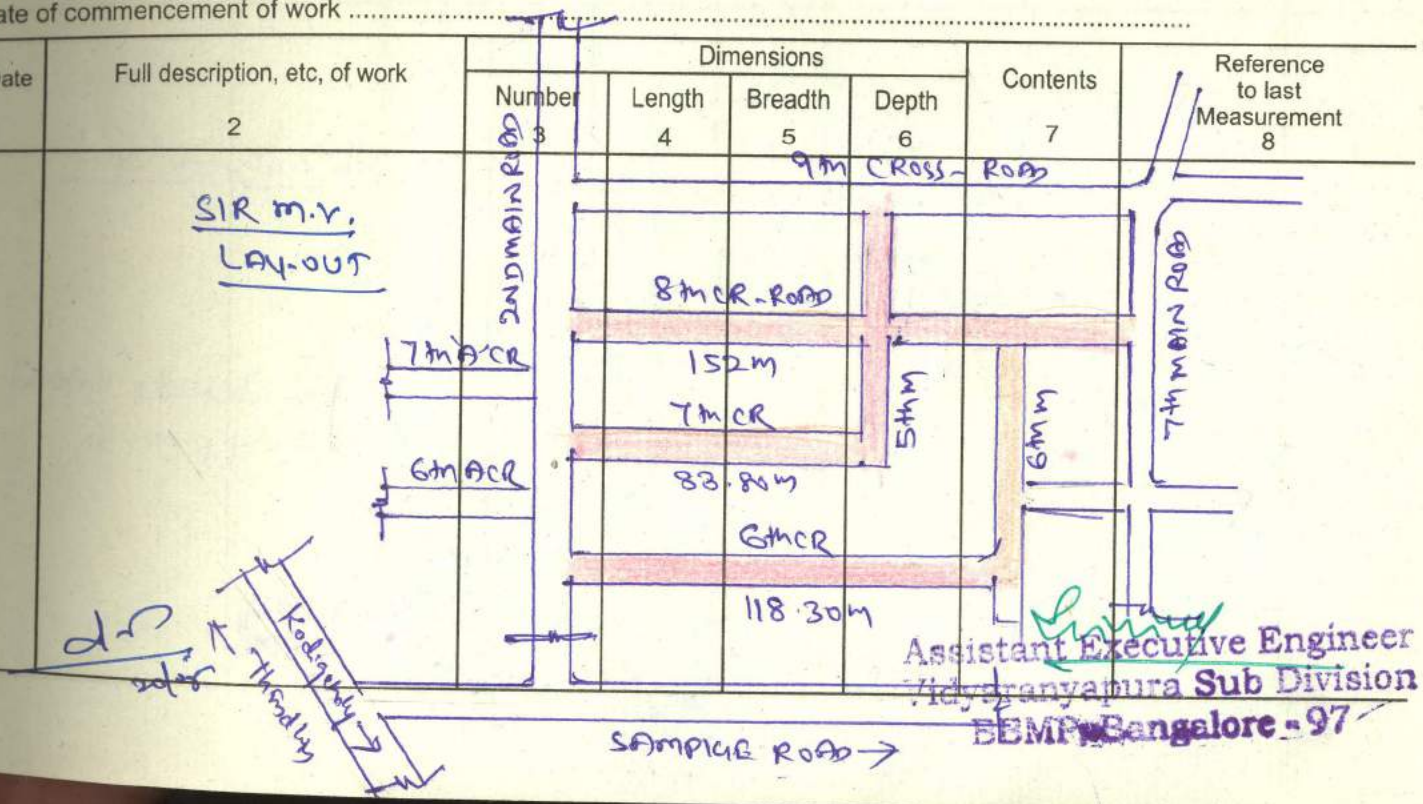
Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

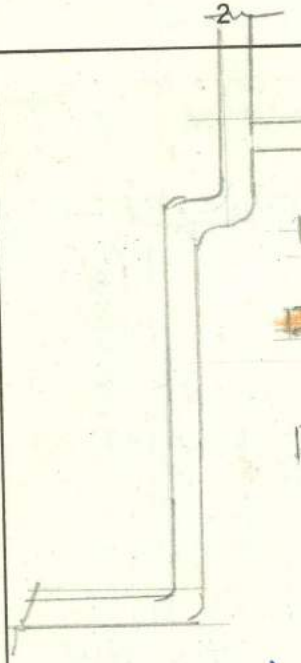
Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	SIR M.V. LAY-OUT						



Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	.7	8



1st Mtg. Rd 1
100m
2nd Mtg. Rd 1
108.80m

Siddivinayaka Layout

Note
Work done details Entered
in Road History p.no. 44

20/8

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BR no 74/dt.29.5.15		R. madhusudan				
	Audited & Admitted for Rs 1371.670= Rs 136552= and Rs 1365.52= Krishnadevaraya Engg. College Gudur		IT – 17717 VAT – 70867 CST – 17717 CBF – 1772 Roy – 28479 TOTAL – 136552=				

Serial No. 1st and final Bill

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Name of Work : JOB. No Work order. No Estimated Cost - Rs